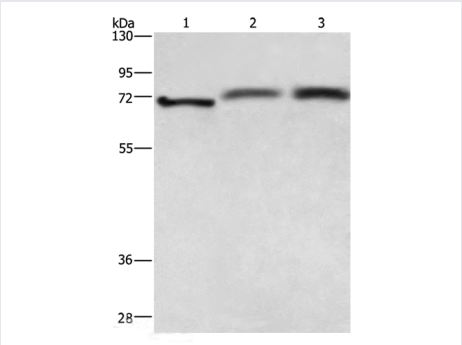
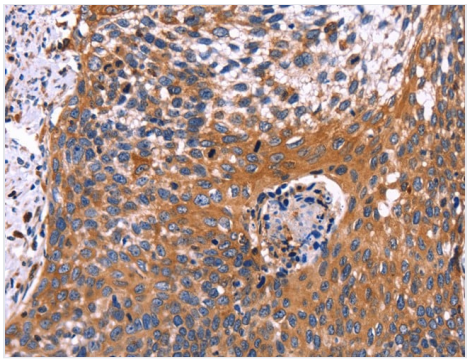
RDX Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

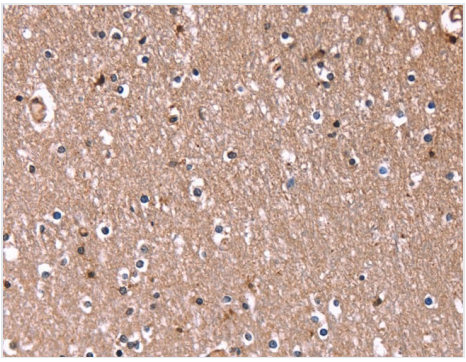
Product Name	RDX, Polyclonal Antibody
Full Product Name	RDX Polyclonal Antibody
Product Gene Name	anti-RDX antibody
Product Synonym Names	DFNB24
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	2.7mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	71,049 Da
OMIM	179410
Immunogen	Recombinant protein of human RDX
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RDX antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-RDX antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-RDX antibody	Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21. 3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Other Notes	Small volumes of anti-RDX antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RDX purchase	MBS2522771 is an antibody targeting RDX. Also known as RDX Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-RDX antibody
Western Blot analysis of Hela cell, Human fetal brain and hepatocellular carcinoma tissue using RDX Polyclonal Antibody at dilution of 1:700



Immunohistochemistry (IHC) of anti-RDX antibody
Immunohistochemistry of paraffin-embedded Human cervical cancer using RDX Polyclonal Antibody at dilution of 1:60



Immunohistochemistry (IHC) of anti-RDX antibody
Immunohistochemistry of paraffin-embedded Human brain using RDX Polyclonal Antibody at dilution of 1:60

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RDX. It may not necessarily be applicable to this product.

NCBI GI #	116283433
NCBI GeneID	5962
NCBI Accession #	AAH20751.1
UniProt Secondary Accession #	Q86Y61; A7YIJ8; A7YIK0; A7YIK3; B7Z9U6; F5H1A7
UniProt Related Accession #	P35241
NCBI Official Full Name	RDX protein, partial
NCBI Official Synonym Full Names	radixin
NCBI Official Symbol	RDX
NCBI Official Synonym Symbols	DFNB24
UniProt Protein Name	Radixin
Protein Family	Protein roadkill
UniProt Gene Name	RDX
UniProt Entry Name	RADI_HUMAN
NCBI Protein Information	radixin

NCBI Summary for RDX	Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21.3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]
UniProt Comments for RDX	Radixin: a cytoskeletal protein of the ERM family which includes ezrin and moiesin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. May play a crucial role in the binding of the barbed end of actin filaments to the plasma membrane. Protein type: Motility/polarity/chemotaxis; Cytoskeletal Chromosomal Location of Human Ortholog: 11q23 Cellular Component: extracellular space; focal adhesion; T-tubule; ruffle; stereocilium; cytoskeleton; extrinsic to membrane; apical part of cell; lamellipodium; cytoplasm; plasma membrane; cleavage furrow; filopodium Molecular Function: protein binding; actin binding Biological Process: microvillus biogenesis; apical protein localization; actin filament capping Disease: Deafness, Autosomal Recessive 24
Research Articles on RDX	**1.** These data suggest an association between RDX polymorphisms and the clinical features of RA patients, particularly the ESR
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